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The menopausal patient
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imparted by "Premarin."

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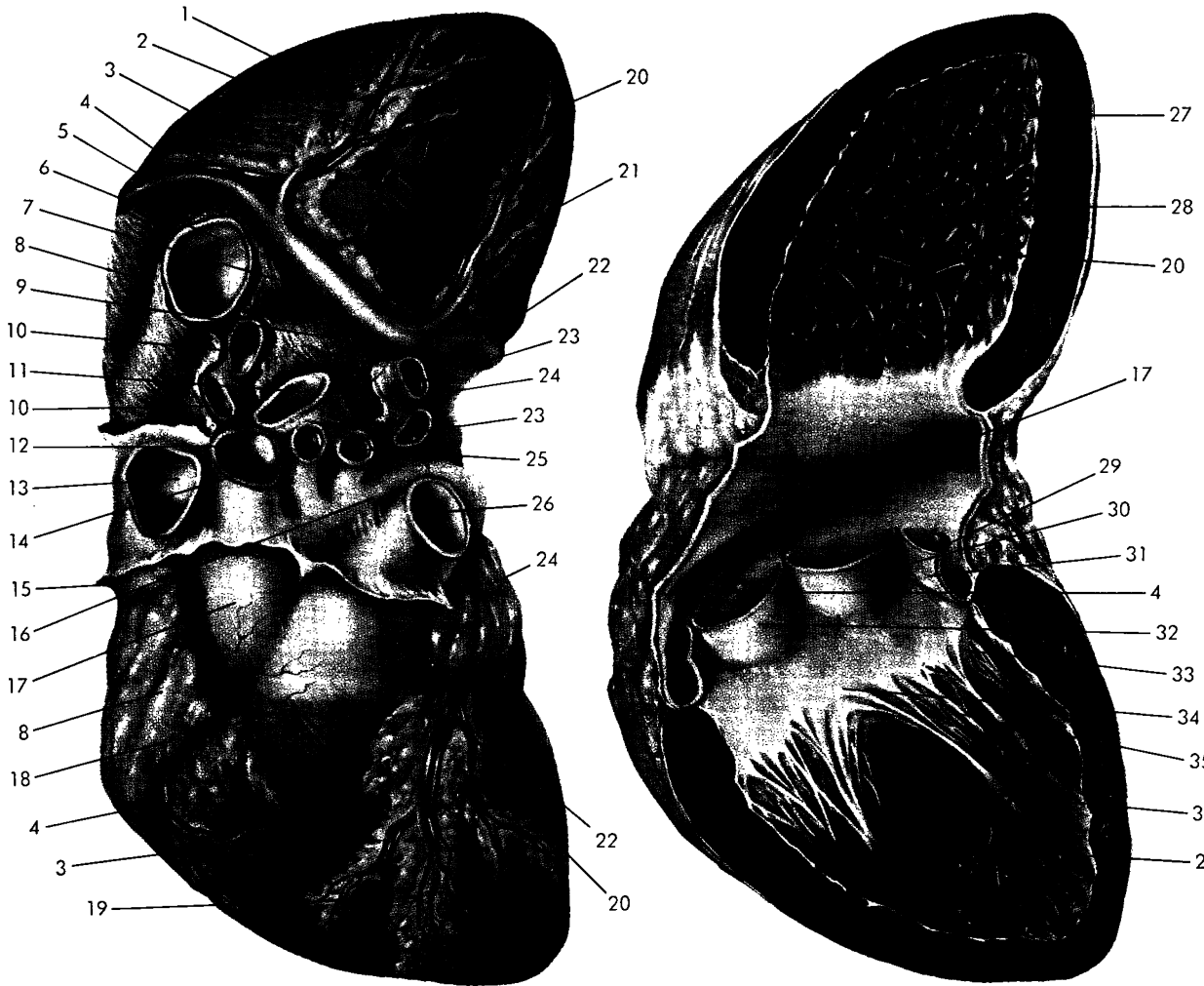
"PREMARIN"

also known as Conjugated Estrogens (equine)

"PREMARIN"

AYERST, MCKENNA & HARRISON Limited • New York, N. Y. • Montréal, Canada

Anatomy of the Heart



- 1 Middle cardiac vein
- 2 Posterior descending branch of right coronary artery
- 3 Right ventricle
- 4 Right coronary artery
- 5 Small cardiac vein
- 6 Inferior vena cava
- 7 Coronary sinus
- 8 Right auricle
- 9 Left atrium
- 10 Right pulmonary vein
- 11 Right branch of pulmonary artery
- 12 Innominate artery

- 13 Superior vena cava
- 14 Left common carotid artery
- 15 Pericardium
- 16 Aortic arch
- 17 Ascending aorta
- 18 Conus arteriosus
- 19 Anterior descending branch of left coronary artery
- 20 Left ventricle
- 21 Posterior vein of left ventricle
- 22 Great cardiac vein
- 23 Left pulmonary vein
- 24 Left auricle
- 25 Left subclavian artery

- 26 Left branch of pulmonary artery
- 27 Trabeculae carneae
- 28 Trabecula tendinea
- 29 Left coronary artery
- 30 Posterior semilunar valve
- 31 Left semilunar valve
- 32 Right semilunar valve
- 33 Posterior cusp of mitral (bicuspid) valve
- 34 Anterior cusp of mitral (bicuspid) valve
- 35 Chordae tendineae
- 36 Papillary muscle

This is one of a series of paintings by Paul Peck, illustrating the anatomy of various organs and tissues of the body which are frequently attacked by infection, where aureomycin may prove useful.

Aureomycin

HYDROCHLORIDE CRYSTALLINE

in

Infections Involving the Heart

ENDOCARDITIS —Aureomycin has established itself as one of the most valuable agents available for the treatment of infections involving the heart. Aureomycin is now recognized as a highly effective antibiotic against the organisms most frequently encountered in endocarditis—staphylococci, *Str. viridans*, *Str. fecalis* and other enterococci. These organisms are being increasingly found resistant to penicillin and streptomycin. Endocarditis caused by these organisms has responded to aureomycin after failure of other antibiotics. Aureomycin is held by many physicians to be an antibiotic of choice for prophylactic use in patients with organic cardiac disease who require oral, intestinal, or rectal surgery, or any transurethral operative procedure. Endocarditis complicating typhus and brucellosis has responded well to aureomycin therapy.

PERICARDITIS —The importance of aureomycin in pericarditis has been demonstrated by its successful use after failure of other therapy—in acute nonspecific pericarditis, possibly of viral etiology; *H. influenzae* pericarditis; tularemic pericarditis; and actinomycotic pericarditis.

RHEUMATIC FEVER —Because aureomycin is an antibiotic with a wide range of effectiveness against the pathogenic strains of streptococci, its use has been recommended for the prevention of acute rheumatic fever and its cardiac complications.

* * *

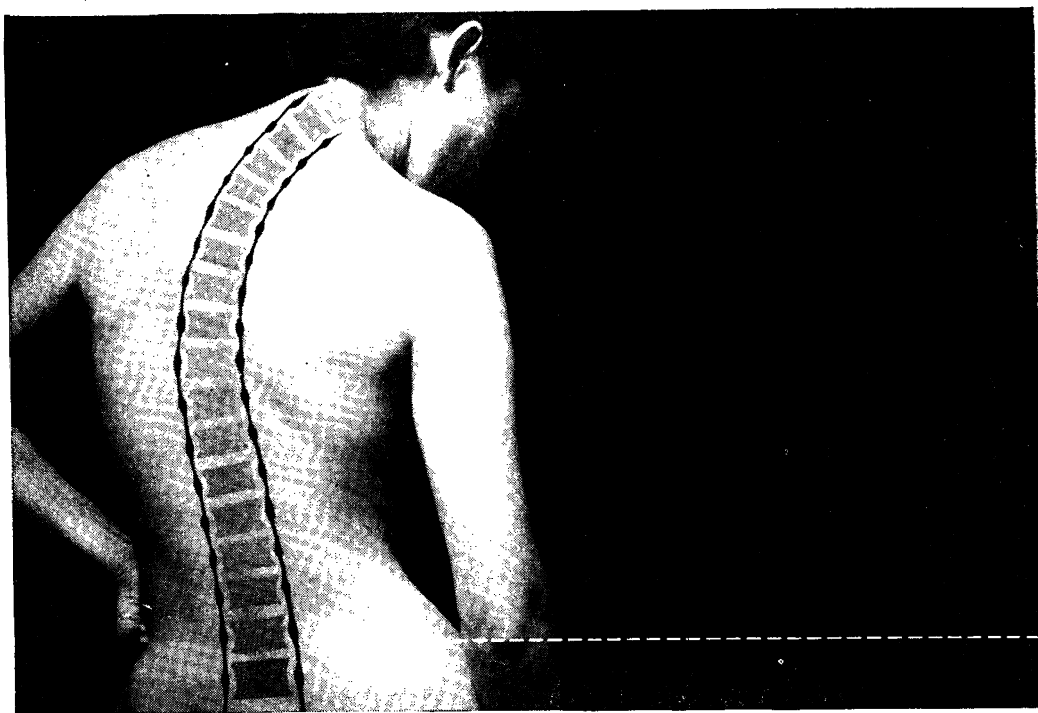
PACKAGES: *Capsules*: 50 mg.—Vials of 25 and 100; 100 mg.—Vials of 25 and bottles of 100; 250 mg.—Vials of 16 and bottles of 100. *Ophthalmic Solution*: Vials of 25 mg.; solution prepared by adding 5 cc. distilled water.

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A bibliography of 39 selected references will be mailed on request.



ganglionic block in hypertension

to reduce blood pressure and relieve symptoms—a new, potent oral hypotensive

Extensive clinical use has demonstrated Methium's ability to

1. reduce blood pressure to more normal levels
2. relieve hypertensive symptoms
3. provide symptomatic relief in some cases even where pressure cannot be lowered.

An autonomic ganglionic blocking agent, Methium (*hexamethonium chloride*) inhibits nerve impulses that produce vasoconstriction—thereby causing blood pressure to fall.

In successfully treated patients, receding pressure is accompanied by relief of head-

ache, dizziness, palpitation and fatigue. In other cases, where blood pressure does not respond to therapy, symptomatic improvement may nonetheless be noted.

Methium is a potent drug and should be used with great caution when complications exist—impaired renal function, coronary artery disease and existing or threatened cerebral vascular accidents. Complete instructions for prescribing Methium are available on written request or from your Chilcott detail man and should be consulted before using the drug.

Methium is supplied in both 125 mg. and 250 mg. scored tablets in bottles of 100 and 500.

Methium[®]

CHLORIDE

(BRAND OF HEXAMETHONIUM CHLORIDE)

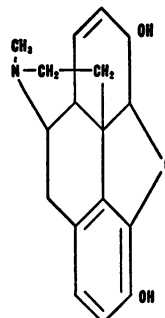
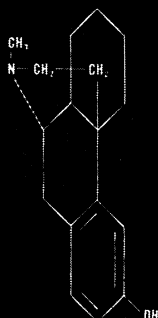


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*for longer-lasting
pain relief*

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	<i>constipation</i>	rare	frequent
	<i>disorientation</i>	rare	frequent
	<i>depressed appetite</i>	rare	frequent
	<i>nausea</i>	less	occasional
	<i>vomiting</i>	less	occasional



Caution: Dromoran is a narcotic analgesic. It has addiction liability equal to morphine and for this reason the same precautions should be taken in administering the drug as with morphine.

DROMORAN®—brand of methorphan (dl-8-hydroxy-N-methyl-morphinan)

**Average dose*

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(dl) Hydrobromide

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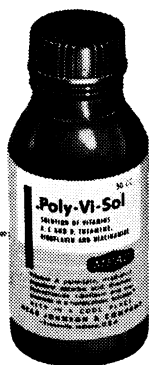
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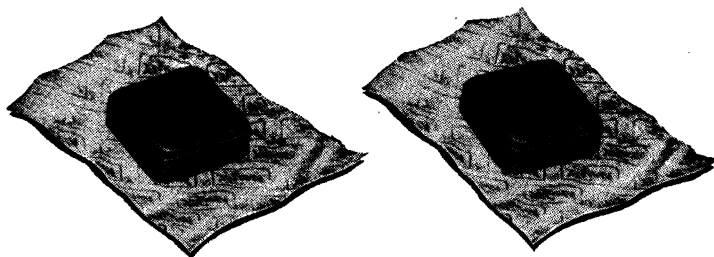
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1. Rimmerman, A. B., and others: A Comparative Study of Sodium-free Salt Substitutes, *Am. Pract. & Digest Treat.* 2:168, 1951.

2. Fremont, R. E., and others: *Postgrad. Med.* 10:216, 1951.

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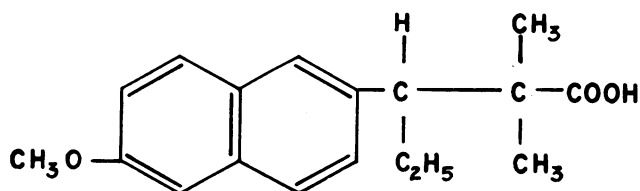
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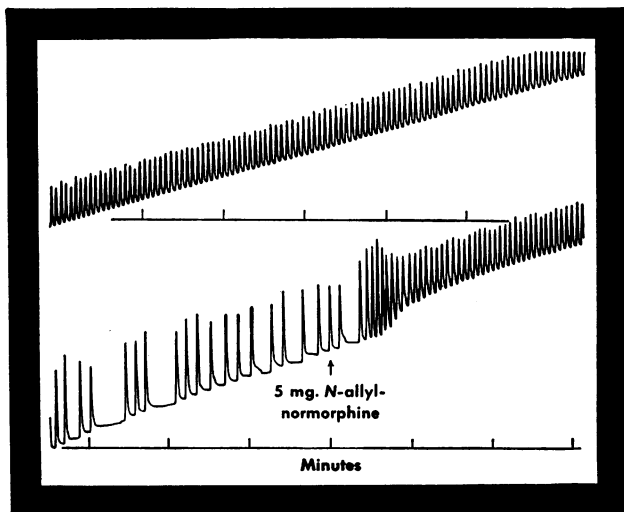
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Literature available

¹Eckenhoff, J. E., Elder, J. D., and King, B. D., *Am. J. Med. Scs.* 223:191, February 1952. ²Eckenhoff, J. E., Hoffman, G. L., and Dripps, R. D., Annual Meeting of the American Society of Anesthesiologists, Washington, D. C., Nov. 8, 1951.

SUPPLIED:

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Each tablet contains:

Thenfadol hydrochloride . . .	15 mg. (1/4 grain)
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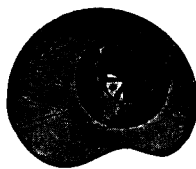
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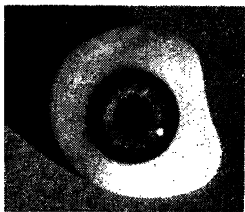
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**THE FIRST CLINICALLY PROVEN
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ASTERIC *Brewer*

(5 gr. enteric-coated Aspirin) **Allows Greater Dosages—** 40, 50, 60, 70 or more grains daily as required where gastric distress and other irritating symptoms resulting from high dosages of plain aspirin tablets are contraindicated.

ASTERIC *Brewer*

is indicated in the treatment of certain rheumatic disorders requiring maximal dosage of aspirin over long periods. "Enteric-coated aspirin (ASTERIC) has an analgesic effect equal to that of regular aspirin and the onset of its action is only slightly delayed." Clinically it was shown that equal blood levels were obtained.*

ASTERIC *Brewer*

(5 gr. enteric-coated Aspirin) will be found beneficial for those patients suffering from hemorrhagic gastritis resulting from the irritating effects of plain aspirin and for cases of peptic ulcer which require acetylsalicylic acid therapy.

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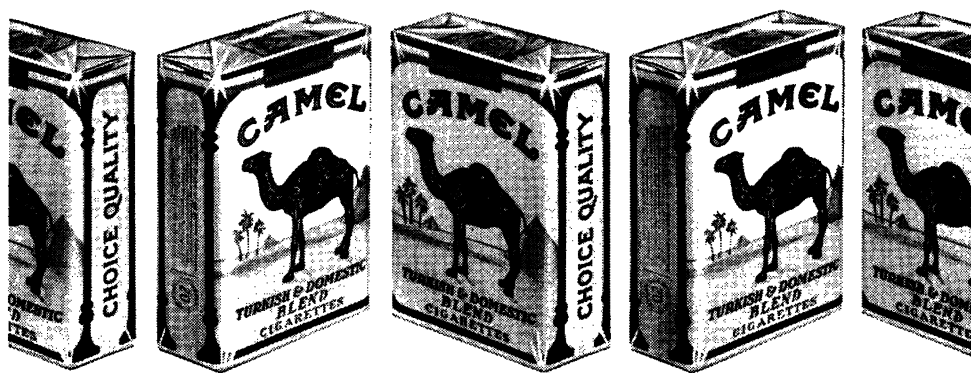
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OF A CHEMICALLY MEASURABLE WATER-SOLUBLE EXTRACT, 1933.

Prepared from the Brochure—"Chlorophyll 1953" by Walter H. Eddy, Ph.D.

Scientific Facts on CHLOROPHYLL

THE ACTIVITY of a mysterious substance which has since been called "Green gold"—chlorophyll, was first discovered by Sir Joseph Priestley in 1772.

Priestley found that oxygen was not depleted from under a jar inverted in a pan of water if a sprig of mint was left in the jar and in which a candle was left burning. The candle continued to burn—the mint to grow.¹ Priestley was probably the first to comment on what we now call "photosynthesis," a process in nature which largely accounts for the edibility of a great proportion of the foodstuffs on which man and animal subsist today.

Further studies by Priestley, Ingen-Housz² and others showed that the green pigment of leaves absorbs light and thus acquires energy with which plants synthesize sugars, starches and other nutrients.

From that time forward photosynthesis, and later chlorophyll, has been a constant source of study. This chemical was first named in 1818 by Pelletier and Caventous³ from the Greek "chloros" or green and "phyllon" or leaf. Doctors Richard Wilstatte and Hans Fischer gained the Nobel Prize for their determination of the chemical nature of the chlorophyll molecule and that, regardless of plant source, the green pigment is present in only two forms known today as chlorophylls *a* and *b*.

The chlorophyll molecule is one of the most complex in chemistry and even today is still subject to some disagreement, but as will be shown in a later message is closely related to hemin, the coloring matter of blood. From this has arisen much speculation as to its possible action in nutritional anemias.

However, from those early years chlorophyll because of its fat-soluble nature cannot largely be extracted by chewing leaves. Hence it remained to a great degree, a costly laboratory curiosity until Robert Van Sant, the founder of this company, with the cooperation of Dr. Frank M. Schertz of the United States Department of Agriculture in 1933 first developed a water-soluble, chemically-measurable chlorophyll. This extract was acceptable to the great European chlorophyll authority of the period, Professor Hans Fischer of the University of Munich.

1. Priestley, Sir Joseph; Philosophical Transactions of the Royal Society, England, 1772. Also Book: "Experiments and Observations on Different Kinds of Air," Vol. I. Johnson, London, 1776.

2. Ingen-Housz, J., Text entitled "Experiments upon vegetables, discovering their good power of purifying the common air in sunshine and injuring it in the shade and at night." Elmsley Payne, London, 1779.

3. Pelletier, J. and Caventous, J. B., Ann. chim. phys. (2) 9:194, 1818 and (2) 51:182, 1832. Origin of the term chlorophyll.

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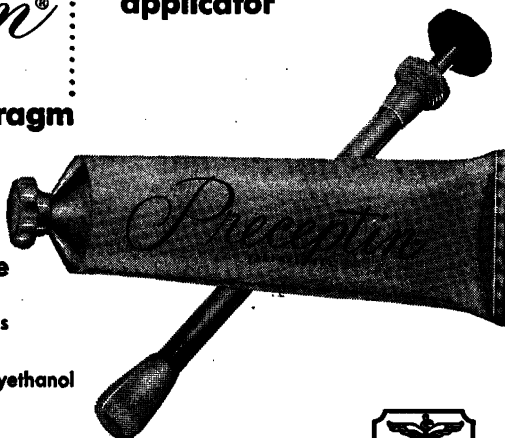
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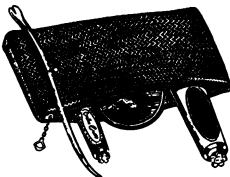
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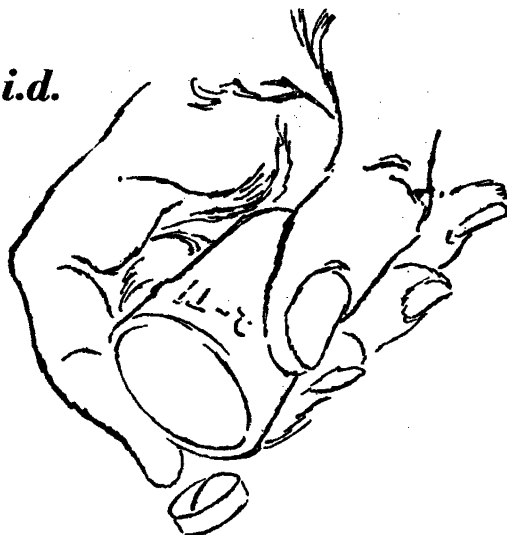
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